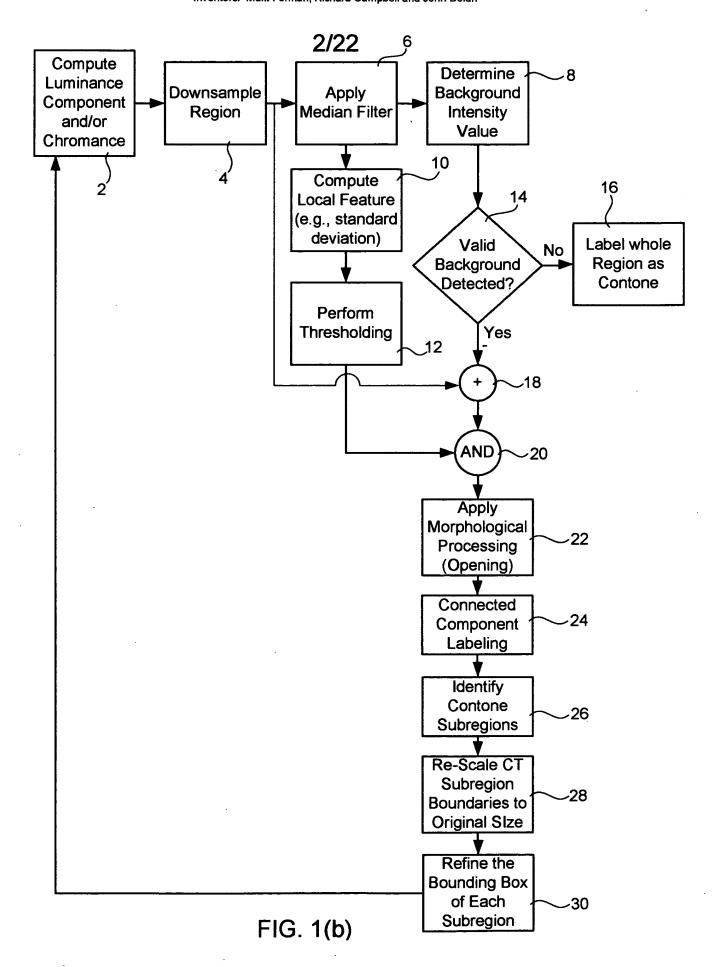
Title: Methods and Systems for Identification of Contone Regions Atty Docket No. 7146.0186 Inventors: Mufit Ferman, Richard Campbell and John Dolan 1/21 AUG 1 6 2004 Obtain Image **Element Attribute** 44 **ID Text ID** Background Background Label as Contone No Detected? End 46 Yes 52 And Process Image by **Context Regions** 50 **ID** Contone **Subregions** 

FIG. 1(a)



# Segmentation Test Image 1





**Gray Rocks** 



Red Tent



This is a test of SLA page segmentation for 2 classes, (contone and other). This should successfully distinguish color and grayscale contones from spot color patches and text areas.

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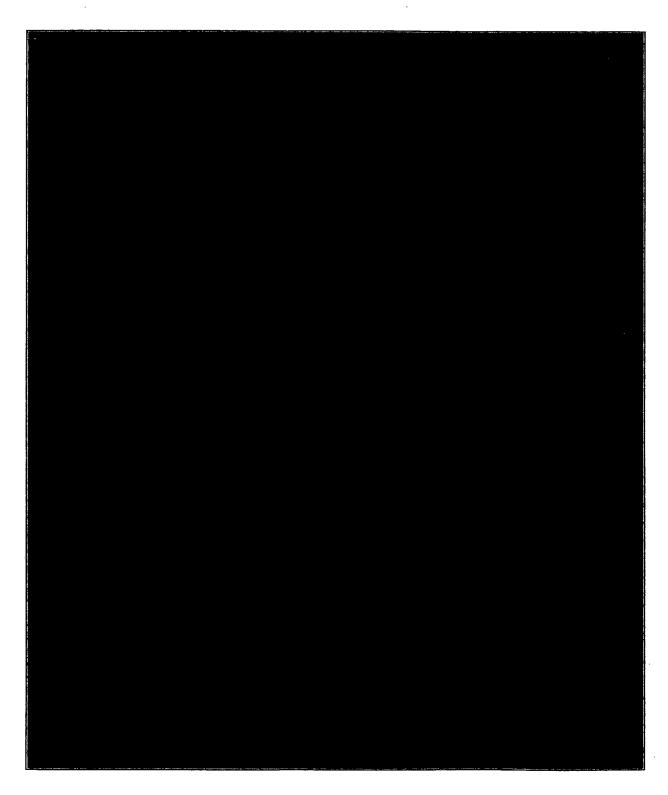


FIG. 2(b)

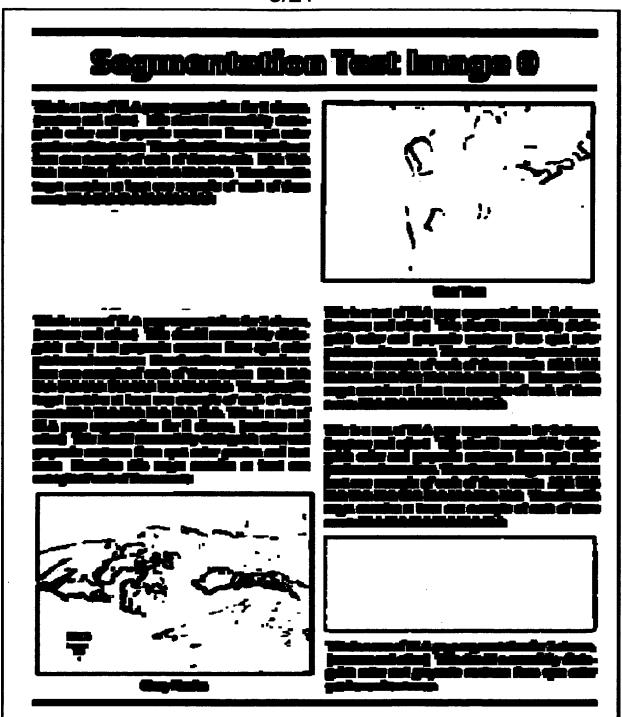


FIG. 2(c)

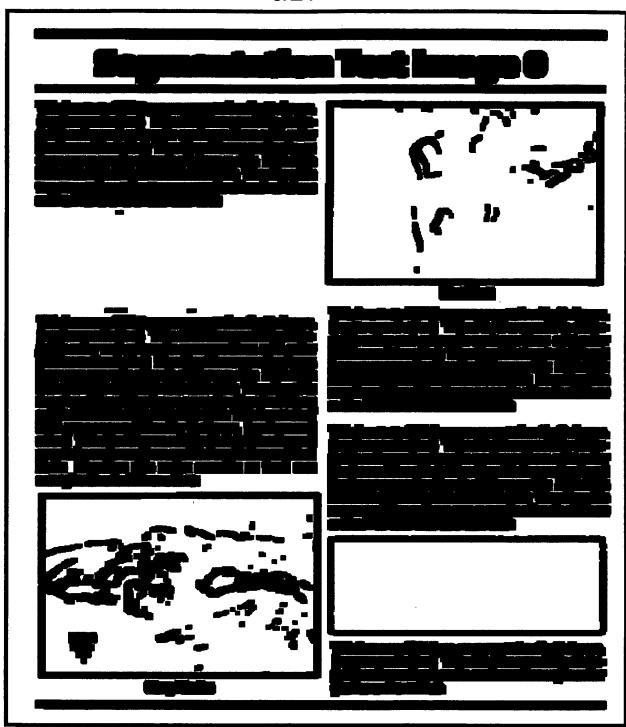


FIG. 2(d)

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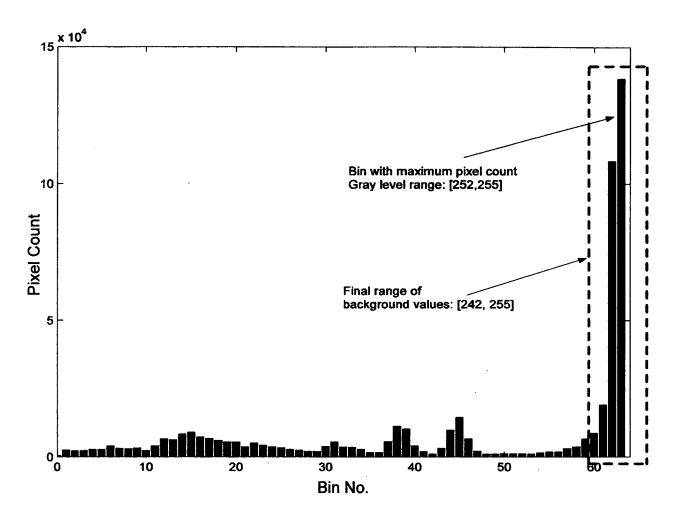


FIG. 3(a)

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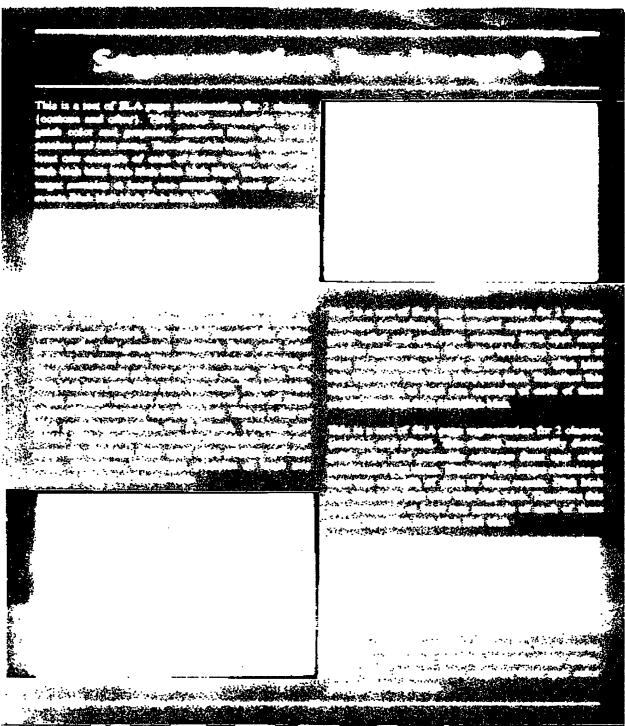


FIG. 3(b)

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# Segmentation Test Image 0

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#### **Red Tent**

This is a test of SLA page segmentation for 2 classes, (continue and other). This should successfully distinguish online and grayscale consumes from spot color patches and test areas.

# **Segmentation Test Image 1**





**Gray Rocks** 



**Red Tent** 



This is a test of SLA page segmentation for 2 classes, (contone and other). This should successfully distinguish color and grayscale contones from spot color patches and text areas.

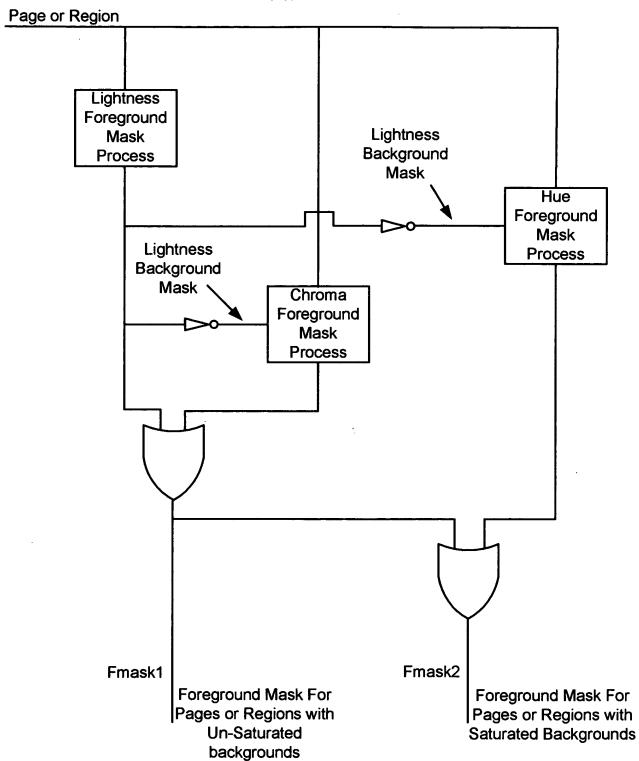


FIG. 4(b)

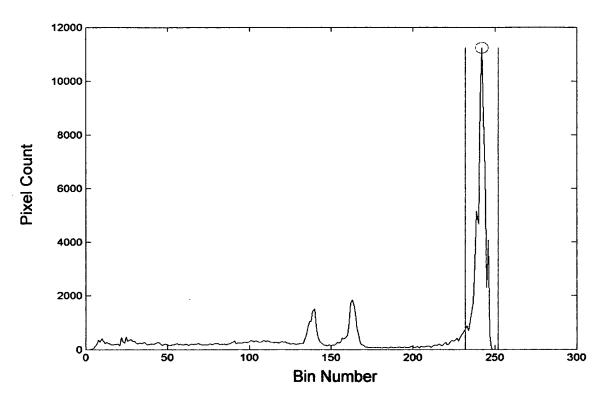


FIG. 4(c)

# Segmentation Test Image 1

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# Segmentation Test Image 1

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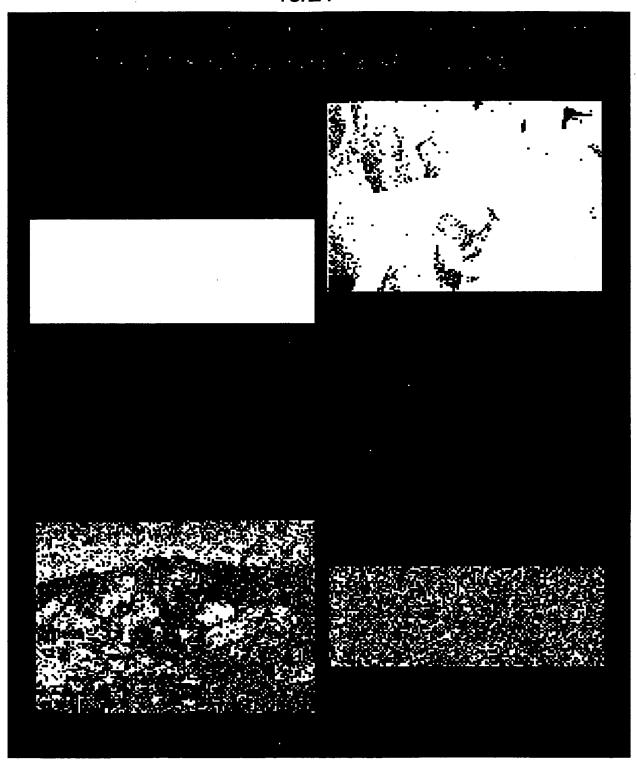


FIG. 5(c)

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# Segmentation Test Image 1

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Carely Receipts

#### Res Tem

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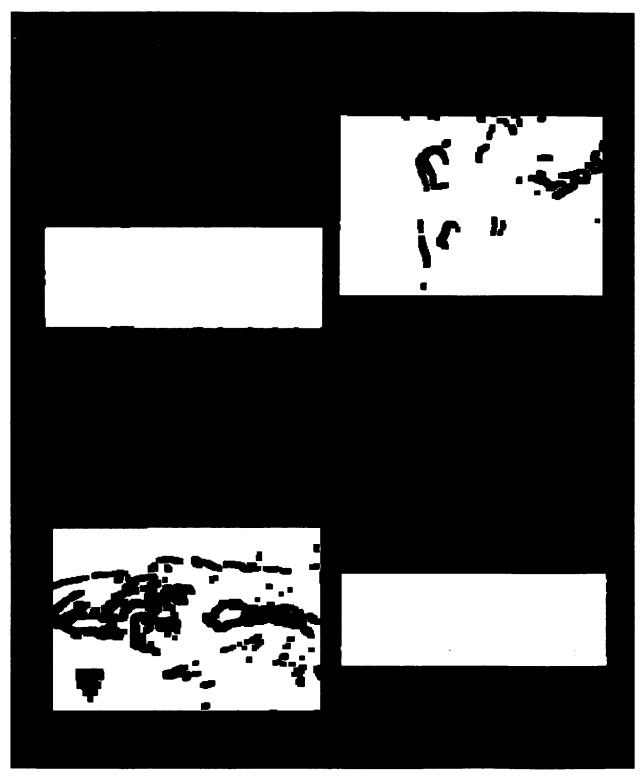


FIG. 6(a)

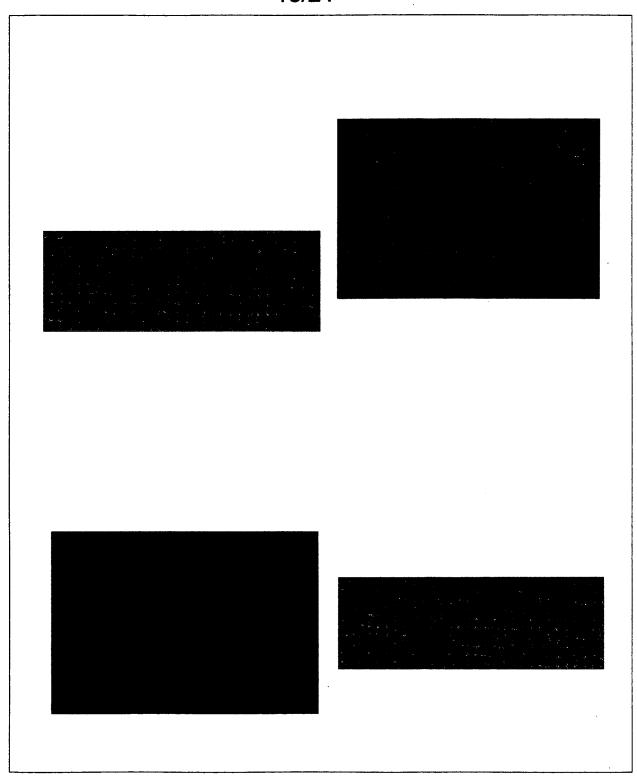


FIG. 6(b)

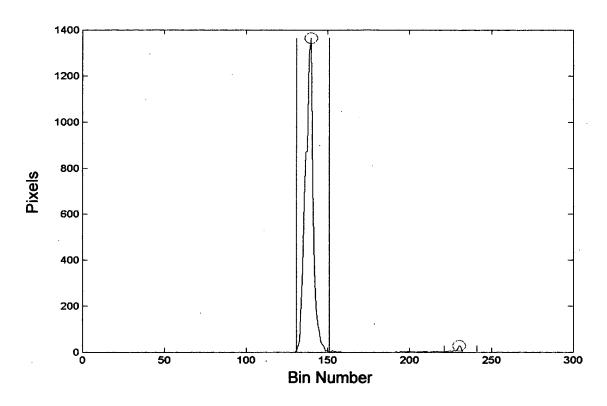


FIG. 7(a)

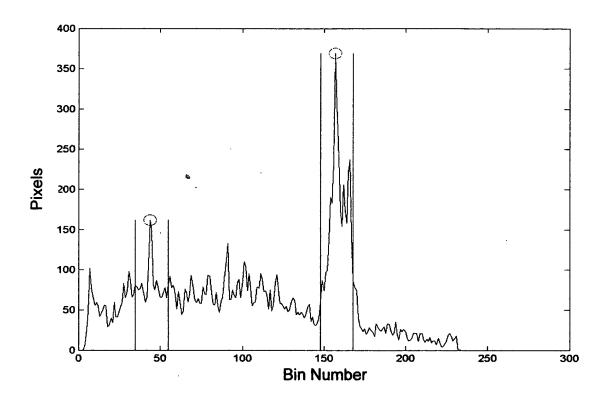


FIG. 7(b)

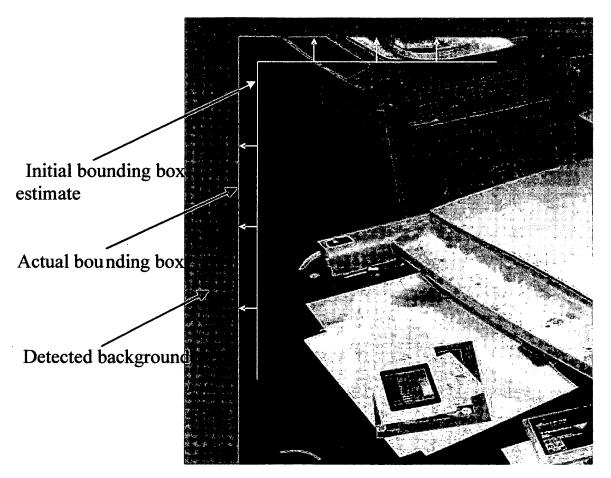


FIG. 8

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